

NASA TECH BRIEF

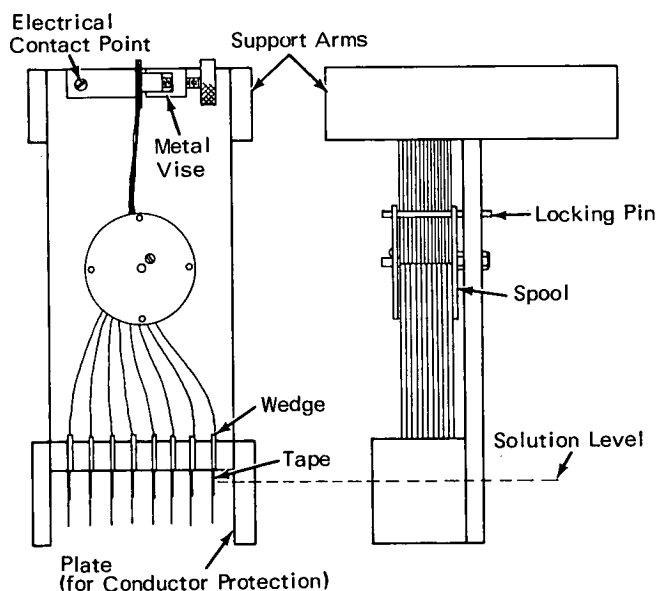
Marshall Space Flight Center



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Fixture for Multiple-FCC Chemical Stripping and Plating

A special fixture facilitates handling several long pieces of FCC during the chemical stripping (to remove polyester insulations) and plating of the exposed conductor ends. The illustration shows eight FCC's on a spool supported by the fixture and



locked in position to prevent uncoiling. Enough slack is allowed to clamp one end of the cable in the vise and to wedge the conductors at the other end (to be chemically stripped or electroplated) in the eight slots at the bottom of the fixture.

For chemical stripping, lead tape is applied near the ends to be stripped to protect the insulation above a desired margin. The taped ends are submerged in the stripping solution to cover about half of each tape segment. For electroplating, both ends of each FCC must be stripped: the ends at the top for electrical contact, and the others for submersion in the electroplating solution.

Note:

Requests for further information may be directed to:

Technology Utilization Officer
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Patent status:

No patent action is contemplated by NASA.

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